Bruhath Benglauru Mahangara Palike, Dasarhalli Zone
Office of the Executive Engineer, Dasarhalli Division.
Schedule – B

Sl.No	Description of work	Unit	Qty	Rate to be Quoted	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.(Page No.5, Item No. 2.4)	Cum	111.34	299.98	Rupees Two Hundred Ninety Nine and Ninety Eight Paise Only
2	KSRB 4-1.3: Providing and laying in position plain cement concrete cum 3,973.00 of mix M7.5 with ope cement @ 180kgs, with 40mm and down size graded granite metal coarse ggregates @O.85cum and fine aggregtes @ O.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. pecification No. KBS 4.1, 4.2 (Page No. 12, Item NO. 4.3)	Cum	34.91	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
3	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.6)	Cum	28.16	4438.22	Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only
4	Providing and onstructing granite /trap/ baslat size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.9)	Cum	14.62	5305.30	Rupees Five Thousand Three Hundred Five and Thirty Paise Only

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5	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications (Page NO. 113, Item No. 15.3)	Sqm	22.74	103.88	Rupees One Hundred Three and Eighty Eight Paise Only
6	Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal machine mixed concrete liad in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery, curing complete as per specifications (Page No. 12, Item No. 4.6)	Cum	20.83	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only
7	Filling avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification (Page No.6, Item No. 2.10)	Cum	56.20	134.62	Rupees One Hundred Thirty Four and Sixty Two Paise Only
8	Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm (M20) and down size graded granite machine mixed , concrte laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case, lintels retaining walls,return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, bustress, string or lacing courses, parapets, coping bed blocks, anchors blocks, plain windows cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications (Page No. 13, Item No. 4.11)	Cum	94.38 93.03	5989.36	Rupees Five Thousand and Nine Hundred and Eighty Nine and Thirty Six Paisa Only
9	Providing and laying in position reinforced cement concrete 1:1.5:3 (M20) with 12mm and down size graded metal, machine mixed, well compacted for plain chejja of 7.5cms. Average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery specification (Page NO. 14, Item No. 4.19)	Sqm	15.57	483.36	Rupees Four Hundred Eighty Three and Thirty Six Paise Only

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10	Providing and fabricating TMT . Steel (cold, Twisted) reinforcement for R.C.C. work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications (Page NO. 17, Itm. NO. 4.46) Fe 500	Tonne	8.60	59413.00	Rupees Fifty Nine Thousand Four Hundred Thirteen Only
11	Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification (Page No.16, Item No. 4.32	Sqm	152.64	387.96	Rupees Three Hundred Eighty Seven and Ninety Six Paise Only
12	Providing and removing centering shuttering strutting propping etc., and removal of form work for sides and soffits of beams beam houchings cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification (Page No. 16, item No. 4.34)	Sqm	194.67	271.36	Rupees Two Hundred Seventy One and Thirty Six Paise Only
13	Providing and removing centering shuttering strutting propping etc., for chejjas, corbels etc., including edges including cost of all materials, labour complete as per specifications (Page No. 16, Item No.4.37)	Sqm	15.57	286.20	Rupees Two Hundred Eighty Six and Twenty Paise Only
14	Providing and removing centering, shuttering, strutting propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials labour complete as per specification (Page No. 16, Item No.4.38)	Sqm	16.00	503.50	Rupees Five Hundred Three and Fifty Paise Only
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs,landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification (Page No. 15, Item No. 4.29)	Sqm	364.21	583.00	Rupees Five Hundred Eighty Three Only

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16	Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure(Page No.25,Item No.5.27)	Sqm	383.19	993.22	Rupees Nine Hundred Ninety Three and Twenty Two Paise Only
17	Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure(Page No.25,Item No.5.28)	Sqm	30.90	758.96	Rupees Seven Hundred Fifty Eight and Ninety Six Paise Only
18	Providing Honne wood frames of doors windows, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications (Page No.51, Item No. 9.11)	Cum	0.57	109026.30	Rupees One Lakh Nine Thousand Twenty Six and Thirty Paise Only
19	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures) Page No.51, Item No. 9.15)	Sqm	16.81	4921.58	Rupees Four Thousand Nine Hundred Twenty One and Fifty Eight Paise Only
20	Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 35mm. Thick with bottom and lock rail 180mm wide top rail and styles 100mm wide as per drawings and panels of 18mm thick is exteriors grade melamine impregnated prelaminations particle board colour on one sides including cost of materials, labour, HOM of machineries complete as per specifications.(excluding cost of fixtures) (Page No.53, Item No.9.38)	Sqm	6.00	3559.48	Rupees Three Thousand Five Hundred Fifty Nine and Forty Eight Paise Only

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21	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications (Page 32, Item No. 7.9)	Sqm	2294.46	82.68	Rupees Eighty Two and Sixty Eight Paise Only
22	Providing and fixing in position anodized alluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 122.2x31.75mm with 1.2mm thick, bottom section weight of 0.695 kg per m, sides and top section of 1.3mm thick weight of 0.659 kg per m and shutter comprising top and bottom section of size 40mmx18mm , 1.25mm thick of 0.417 kg per m shutter outer side 40mmx18mm, 1.25mm thick weight of 0.417 kg per m, shutter interlock section 40mmx 26.7mm , 1.1mm thick, wieght of 0.469 kg per m the shutter mounted on nylon roller with approved quality of fixture such as alluminium tower bolts etc., and providing and fixing 5.5mm thick plain glass of shutter fitted with rubber beading alluminium section anodized 12 to 15 microns including cutting to required length, joints mitred sub dividing the frame tenonned revited in the assembled frame stiffened with end clips at corners angles etc., and fixed to walls, lintles, floor beams or cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, alluminium section pre treated for removal of any rust and coated with greesy or non adhesion of motor and other sticky materials (this coating should be cleaned after installation) including cost of all materials , fixtures labour and HOM at machinary complete as per specificaions (Page No 34. item No. 7.12.1)	Sqm	35.01	3771.48	Rupees Three Thousand Seven Hundred Seventy One and Forty Eight Paise Only

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23	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmX10mmX2mm braced with flat iron diagonals 20mmx5mm size with top and bottom rails of T Iron sections of 40X40X6mm with 38mm dia steel pulleys complete with bolts and nuts, locking arrangements, stoppers, handles coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications size of gate 2.4mX1.4m (Page No. 31, Item No.7.1	Sqm	6.75	4274.98	Rupees Four Thousand Two Hundred Seventy Four and Ninety Eight Paise Only
24	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications (page No.113, Item No.15.15)	Sqm	538.07	284.50	Rupees Two Hundred and Eighty Four and Fifty paisa Only
25	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification (Page No. 114, Item No. 15.21)	Sqm	358.21	225.04	Rupees Two Hundred and Twenty Five and Four paisa Only
26	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications (Page No. 115, Item No. 15.33)	Sqm	896.28	29.15	Rupees Twenty Nine and Fifteen paisa Only
27	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No114, Item No.15.18)	Sqm	353.63	301.99	Rupees Three Hundred and One and Ninety Nine paisa Only
28	Providing and laying flooring using prepolished , water cut/ gang saw 19mm thick granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white/ grey pigment etc., complete (Page No.107, Item No.14.47.1)	Sqm	317.26	2776.14	Rupees Two Thousand Seven Hundred Seventy Six and Fourteen Paise Only

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29	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications (page No,66, Item No. 10.3)	Sqm	155.33	327.54	Rupees Three Hundred Twenty Seven and Fifty Four Paise Only
30	Providing and fixing on wall surface 4.0kg?Sq.cm H.D.P.E. rain down water pipes 90mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification (Page No. 47, Item No. 8.18)	m	24.00	453.68	Rupees Four Hundred Fifty Three and Sixty Eight Paise Only

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31	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580x440mm with intergral type footrests, 100mm S or P trap, (approved make) cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (Page No.77, item No. 12.4)	Pan	4.00	2290.66	Rupees Two Thousand Two Hundred Ninety and Sixty Six Paise Only
32	Providing and fixing white vitreous china clay flat back wash basin size 630x450mm with a single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (page No. 81, Item No. 12.24)	Unit	4.00	3187.42	Rupees Three Thousand One Hundred Eighty Seven and Forty Two Paise Only
33	Providing and fixing white vitreaus china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification (Page No. 78, item No. 12.7)	Unit	4.00	3145.02	Rupees Three Thousand One Hundred Forty Five and Two Paise Only
34	Providing colour glazedzed tiles of all sizes 10mm thick for flooring, treads of steps and landing laid on a bed of 12mm thick , cement mortar 1:3 mix, flush pointing using white cement,with matching colour pigment, including cost of a materials, labour, curing, complete as per specifications(30 X45) (Page No. 106, Item No. 14.41.3)	Sqm	11.52	1186.14	Rupees One Thousand One Hundred Eighty Six and Fourteen Paise Only
35	Providing skirting, dado rises of steps with colour glazed tiles 15x15 cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (Exclude cost of rough plastered surface which should be measured and paid separetely) using glazed tiles of approved make and size including cost of materials labour complete as per specifications (page No. 106, Item No. 14.41	Sqm	53.76	1136.32	Rupees One Thousand One Hundred Thirty Six and Thirty Two Paise Only

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36	Providing and fixing 7.5cms to 15cms dia NP grating 100mm dia (page no 88 , Item No. 12.111)	Each	8.00	169.60	Rupees One Hundred Sixty Nine and Sixty Paise Only
37	Providing and fixing C.I. Nahani trao of approved make conforming to ISI specificatins and constructin of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixture and conveyance of materials to work spot) 10cms to 7.5cms Page no. 88, item No. 12.113.1)	Each	8.00	265.00	Rupees Two Hundred Sixty Five Only
38	Providing and fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. this includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete 20mm nominal OD Pipes (Page No.96, Item No. 13.86.2)	m	60.00	222.60	Rupees Two Hundred Twenty Two and Sixty Paise Only
39	Providing and fixing in position brass stop cock of approved quality15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications (Page no.91 Item No. 13.26)	Each	8.00	170.66	Rupees One Hundred Seventy and Sixty Six Paise Only
40	providing and fixing in position brass gate valve with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins (page No.91, Item No. 13.33	Each	4.00	433.54	Rupees Four Hundred Thirty Three and Fifty Four Paise Only
41	Providing and fixing on wall surface 4.0kg /Sq.cm H.D.P.E. rain down water pipes 110mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs screws, including cost of materials, labour, complete as per specifications (Page No. 47, item No. 8.19)	m	37.20	602.08	Rupees Six Hundred Two and Eight Paise Only

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42	Providing NP/CP waste union conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete 32mm dia (Page No. 95, Item No. 13.81.1)	Each	4.00	132.50	Rupees One Hundred Thirty Two and Fifty Paise Only
43	Construction brick masonry inspection chamber 450x450mm and 450mm depth (clear inside dimension) for single pipes line using table mouled non-modular bricks of class designation 50 in cement mortar 1:5 C.I. cover witth frame (light duty) 450x450mm (Page No.73, Item No.11.50.2)	Nos	4.00	5664.64	Rupees Five Thousand Six Hundred Sixty Four and Sixty Four Paise Only
44	Providing and placing on terrace , polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity) page No. 94, Item No. 13.78)	Nos	1.00	8975.02	Rupees Eight Thousand Nine Hundred Seventy Five and Two Paise Only
45	Providing and applying painting two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specificationswith primer.(Page No. 117, Item No. 15.51.2)	Sqm	896.28	95.40	Rupees Ninety Five and Forty Paise Only
46	Extra for providing and applying every subsequent coat of painting with plastic emulsion paint of approved brand and shadefor Item No.15-15.1 and 15.53 cost of materials, labour complete as per specifications(PageNo.118, Item No.15.52.3)	Sqm	896.28	31.80	Rupees Thirty One and Eighty Paise Only
47	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (Page No. 118, Item No. 15.53.2)	Sqm	353.63	89.04	Rupees Eighty Nine and Four Paise Only

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48	Extra for providing and applying every subsequent coat of water proofing cement paint of approved brand and shade for item No.15-16.1 cost of materials,labour,complete as per specifications (Page No.118, Item No.15.53.3)	Sqm	353.63	28.62	Rupees Twenty Eight and Sixty Two Paise Only
49	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (Page No. 119, Item No. 15.59)	Sqm	267.21	43.46	Rupees Forty Three and Forty Six Paise Only
50	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (Page No.119, item No.15.60)	Sqm	267.21	89.04	Rupees Eighty Nine and Four Paise Only
51	Extra over item No.15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt and foreign matter, sand papering including cost of materials, labour, complete as per specifications (Page No.119, Item No.15.60.2)	Sqm	267.21	50.88	Rupees Fifty and Eighty Eight Paise Only

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